

## TUNABLE DISPERSION COMPENSATING BAND WIDTH DEVICE FOR FIBER OPTICS SYSTEM

### ABSTRACT

A tunable dispersion compensating device for optical communications systems has a compliant support block having a longitudinal axis and a load-receiving surface oriented substantially parallel to the longitudinal axis. The load receiving surface is suitable to receive an applied load in a direction substantially orthogonal to the longitudinal axis. A Bragg-grating fiber is disposed in the compliant support block and extends substantially along, and at an angle to, the longitudinal axis of the compliant support block.